



CHANNELIZING DEVICE SPACING (FEET) (EXCEPT FOR FLAGGING REQUIREMENTS)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

#### LEGEND

- SIGN LOCATION
- TRIPOD MOUNT
- TEMPORARY TRAFFIC CONTROL DEVICES
- FLAGGING STATION
- PROTECTIVE VEHICLE  
(WHEN SPECIFIED IN CONTRACT)
- PORTABLE SIGNAL
- FLASHING BEACON

#### NOTES

1. EXTEND TAPER ACROSS SHOULDER.
2. THE MAXIMUM LENGTH OF WORK AREA CONTROLLED BY ONE-WAY TRAFFIC SIGNAL IS 400 FT. SIGNAL TIMING SHALL BE ESTABLISHED BY QUALIFIED PERSONNEL.
3. SIGNS SHALL BE POST MOUNTED IF SIGNAL REMAINS IN PLACE MORE THAN 3 DAYS.

#### BUFFER DATA

BUFFER SPACE = B

SPEED (MPH)	25	30	35	40	45	50	55		
LENGTH (feet)	55	85	120	170	220	280	335		
PROTECTIVE VEHICLE ROLL AHEAD DISTANCE = R									
VEHICLE TYPE	TYPICAL VEHICLE LOADED WEIGHT (LBS)		POSTED SPEED (mph)		STATIONARY OPERATION (feet)				
4 YARD DUMP TRUCK	24,000								
			50-55		75				
			45		50				
2 TON CARGO TRUCK	15,000		50-55		100				
			45		75				
1 TON CARGO TRUCK	10,000								
			50-55		150				
			45		100				
ROLL AHEAD STOPPING DISTANCE ASSUMES DRY PAVEMENT.									

SIGN SPACING = X (feet)		
Rural Roads	45/55 MPH	500'±
Urban Arterials	35/40 MPH	350'±
Urban Streets Residential Areas & Business Districts	25/30 MPH	200'±
All signs are black on orange unless otherwise designated.		



EXPIRES NOVEMBER 23, 2003

### ALTERNATING ONE-WAY TRAFFIC TEMPORARY SIGNAL CONTROLLED STANDARD PLAN K-4

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

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STATE DESIGN ENGINEER

DATE



Washington State Department of Transportation

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